

ABSTRACT

In an image output calibrating system for cameras, a camera is supported so as to be directed at a plurality of different angles, and a light source is placed in front of
5 the camera. A control unit associates the pan and tilt angles of the camera with corresponding positions of an image of the light source on the imaging device so that the relationship between each point on the object and the corresponding point on the image of the object formed on the imaging device of the camera can be identified. For initially placing the light source on the optical center line of the camera, the light source
10 may be mounted on a carriage unit that can move the light source in three different directions